## **PON-97-9** Date logged: Dec. 12,1997 Logged by: Phil Mc Carty Ground: 0.00 m KB: 0.00 m **ACCESSORIES GRAIN SIZE** BIOTURB. **JISTURB.** FOSSILS clay silt silt to receive the coarse very coarse COLOUR sand silt f m c clay **DESCRIPTION 4** 8 44 It BR It GY 表表 It sp OR med ol GY Date: Dec. 12, 1997 Core Id: PON -97-9 Described By: Phil Mc Carty Elevation: 1.22m (-) Location: North Shore Beach Public Park Lat: N30 13.414' Compaction: Core Length: 1.94m Total Depth: Long: W89 50.083' 0-2cm Unit A % Sand: Light green Med. Grained Quartz sand mixed w/ underlying unit. 100% sand Light green color due to living algae This is hardly a unit, sand doesn't make up distinct layer It seems to have washed here from adjacent areas and mixed into Unit B 2-30cm UnitB Dark black organic rich clay unit 20% f. sand Some in place rooting 30% silt Unit becomes dark gray @ 14-19cm 50% clay and is interlaminated w/ very thin (<1cm) fine sand laminae Unit grades to light gray sand

30% silt

60% clay

Basal sand has gradational contact w/ Unit C Bioturbated 20-30cm 30-194cm Unit C Light brown to light muddy gray sand at top becoming more clay rich toward base, finally grading into an olive gray hard clay @ 152cm Some in place rooting from 75-125cm Unit burrowed throughout, including distinct sand filled burrows in the olive gray clay Appears to be a soil horizon, w/ olive gray clay being the original (dominate) Petrology Bioturbated throughout Dewatering deformation @ 65-95cm Orange oxidation present below 80cm excessive from 100-155cm